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JC06 Rec'd PCT/PTO 06 APR 2005

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DT-6949

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Harald Rackel, et al  
SERIAL NO.: Not yet known (PCT/EP03/10549)  
FILED: Concurrently  
FOR: Rolling Mill With Support Plates  
EXAMINER: -- GROUP: --

Mail Stop: PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR sections 1.97 and 1.98, applicant respectfully requests that the documents listed on the attached form PTO-1449, be made of record and considered in connection with the examination of this application. Copies of the listed documents are enclosed.

U.S. Patent No. 3,618,355 (corresponds to German document DE 19 65 882 A cited in the Search Report) discloses a rolling mill and a system for facilitating the exchange of the rolling mill rolls.

U.S. Patent No. 6,408,667 discloses a four-high mill stand and a roll change device.

10/530385

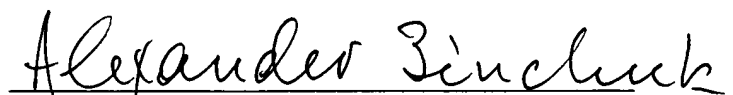
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European Publication EP O 911 089 discloses a device for rapid roll changes in a six-high roll stand which includes a roll change carriage (1) with a unit for moving the carriage relative to the roll stand parallel to and transversely of the rolling direction, and two retaining components (11,12) for a pair of work rolls and a pair of intermediate rolls (20-23), with the retaining components (11,12) being arranged next to each other and form a side-shifter cassette (10). The retaining components have a guide surfaces (24-27) for the chocks (16-19) of the rolls, and the change carriage (1) has, in the common rolling plane a device for pushing the rolls in and out. Each retaining component has, for receiving a lower intermediate roll (23,23') with the chocks, an intermediate frame (3,4) with a unit for moving the intermediate frame into and out of the side-shifter cassette (10).

British Patent No. 1,144,410 discloses a roll changing apparatus.

German Publication DE 43 21 663 A discloses a rolling mill with support plates (4) displaceable transversely in a rolling direction and in a direction opposite the rolling direction for replacing the working rolls (2). The trenches (8) are covered by pivotal plates (7) having a horizontal position in which they overlap the trenches (8) for replacing the working rolls (2), and a pivotal position for replacing the back-up rolls (3). There is further provided a traction machine (5) for replacement of working rolls, and a piston-cylinder unit (9) for replacing the back-up rolls which are lifted from the trenches by a crane.

Respectfully submitted,



Alexander Zinchuk

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Dated: April 6, 2005

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Form PTO-1449

Docket No.: DT-6949

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(PCT/EP03/10549)

INFORMATION DISCLOSURE  
CITATION IN AN APPLICATION

Applicant(s): Harald Rackel, et al

Filing Date: Concurrently

Group: ----

## U. S. PATENT DOCUMENTS

Exam. Init.		Document Number								Date	Name	Class	Subclass	Filing Date if appropriate
	AA	3	6	1	8	3	5	5		11/1971	Brahn et al.			
	AB	6	4	0	8	6	6	7		6/2002	de Jesus, Jr.			
	AC													
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
	AJ													
	AK													

## FOREIGN PATENT DOCUMENTS

		Document Number								Date	COUNTRY	Class	Subclass	TRANSLATION	
														YES	NO
	AL	0	9	1	1	0	8	9		4/1999	Europe				x
	AM	1	1	4	4	4	1	0		3/1969	Great Britain				
	AN	4	3	2	1	6	6	3		1/1995	Germany				x
	AO														
	AP														
	AQ														

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Search Report
	AS	
	AT	